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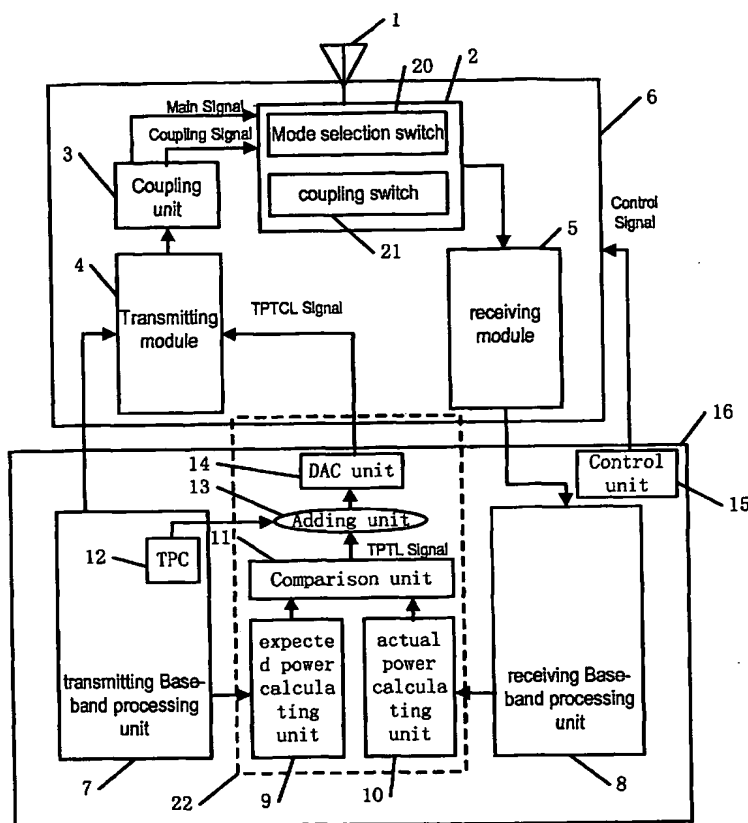
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(54) Title: A CONTROL SOLUTION FOR TRANSMISSION POWER OF MOBILE HANDSET



(57) Abstract: A mobile terminal and method for TDD mode wireless communication systems, comprises an antenna (1), receiving and transmitting radio frequency signals; a front end unit (16), selecting a receiver mode or a transmitter mode according to a control signal, and sampling a signal to be transmitted to generate a sampling signal which is fed back to a baseband unit (16) for calculating the actual transmission power when the mobile terminal is in the transmitter mode, and a baseband processing unit (16), providing the control signal to the front end unit, providing the signal to be transmitted to the front end unit when the mobile terminal is in the transmitter mode, and generating a power compensation signal to adjust a power of the signal to be transmitted outputted from the front end unit according to the comparison result of the calculated actual transmission power and the expected transmission power.



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